

From boatanchors@theporch.com Thu Dec 14 05:36:00 1995
From: TOM.A.ADAMS@mail.admin.wisc.edu
Subject: e. -ats & BAs...
Message-ID: <FCDK3533.FCDK3603@mail.admin.wisc.edu>

to: boatanchors@theporch.com

They sure DON'T mix!

I had an HT-37 that WA9AC0 had stored in the back of her closet for a couple of years. Dear, sweet Kitty had used the radio as a litter box on one occasion. Besides burning the paint off the cabinet, the little SOB scored a bullseye on the plate tuning variable! The urine took all of the plating off of it, and the surfaces were so rough and eroded that the damned thing was constantly arcing over; I was never able to salvage the cap. On top of that, the chassis had the damndest rust spot you ever saw! YUCK!!!

Anybody need a new set of strings for his/her Stradavarius? I'll gladly make you a set REAL cheap... <EVIL GRIN>

73's,

Mr. T., K9TA

From boatanchors@theporch.com Thu Dec 14 22:40:00 1995
From: af852@rgfn.epcc.Edu (William R Colbert)
Subject: 4H4C
Message-ID: <9512141439.AA26199@rgfn.epcc.Edu>

Well, I tried to send this to Duc and the list yesterday, but I got return mail "no such address, for e(for either) and if it came out on digest 370 - didn't get that either. Duc, the 4H4c regulator was used in several of the National receivers, and National issued a tech note in the late 50's/early 60's indicating that one could use a 6V6 in place of the 4H4C. Apparantly the filament draw is close to being c Appologies to the list if this is a repeat.
Ray, W5XE, El Paso, Tx af852@rgfn.epcc.edu

From boatanchors@theporch.com Thu Dec 14 05:36:00 1995
From: "Tom Alverson" <TOMA@s1.xetron.com>
Subject: Re: 811A bulk purchase update
Message-ID: <43234EA0B17@s1.xetron.com>

There is an article in the new CQ mag about the Collins 30L1 Linear and the use of Svetlana tubes in that application that you may be

interested in. They liked the Svetlana tubes.

Tom NU8D

> Gang,

>

> I've received enough interest in doing a bulk purchase of these tubes from
> Svetlana that I'll take the next step and contact Svetlana to see where
> their next price breaks are. I'll report what I find and then we can
> decide whether the price is attractive enough to make a purchase.

From boatanchors@theporch.com Thu Dec 14 05:36:00 1995

From: k1zat@bah.com

Subject: Re: 811A bulk purchase update

Message-ID: <Pine.SUN.3.91.951213224334.8307C-100000@booz.bah.com>

Tom --

On Wed, 13 Dec 1995, Tom Alverson wrote:

> There is an article in the new CQ mag about the Collins 30L1 Linear
> and the use of Svetlana tubes in that application that you may be
> interested in. They liked the Svetlana tubes.

I for one dont take CQ. Can you give more of synoptic of the
article for us ?

jd

From boatanchors@theporch.com Thu Dec 14 05:36:00 1995

From: "Terry O'Laughlin, RM:7135, #:6-6667" <OLAUGHLIN@vilas.uwex.edu>

Subject: amazing X-ray specs!

Message-ID: <MAILQUEUE-101.951213132240.352@vilas.uwex.edu>

I've heard of sealed cardboard box/X-ray collecting on the antique
radio circuit. I thought it was a bit perverse. Now I read that it
is cropping up on the BA circuit.

I have my own share of weirdness. I don't mean to insult anyone else
for their particular allotment of weirdness, but I thought we were
into this hobby for the fun of fondling those exquisitely machined
knobs and basking in the heat produced by electrons vibrating in
response to our touch. If you get your jollies with a cardboard box
and X-rays, hey, I'll look the other way.

73 Terry O' WB9GVB

From boatanchors@theporch.com Thu Dec 14 22:40:00 1995
From: Keith Heitzmann <kk5fe@accesscom.net>
Subject: Another D104 question
Message-ID: <199512141753.LAA10401@uro.theporch.com>

Happy Holidays everyone,

I have a D104 mic with the T-UG8 amplified stand. With the bottom plate off there is a switch marked "R" one way and "E" the other way. What is this for? Hope this isnt a goofy question, it seems I should now this.

Thanks,
Keith KK5FE
Keith Heitzmann
Covington, La.
Email: kk5fe@accesscom.net

From boatanchors@theporch.com Thu Dec 14 22:40:00 1995
From: SCOTTPAUL@aol.com
Subject: Another tube source
Message-ID: <951214171632_73026755@mail02.mail.aol.com>

Here's another source for tubes and related parts:

Vintage TV and Radio Supply
3498 West 105th Street
Cleveland OH 44111
(216) 671-6712

/scott robinson

From boatanchors@theporch.com Thu Dec 14 22:40:00 1995
From: tech@cs.athabascau.ca (Richard Loken)
Subject: Any California ham radio & boatanchor events in late January
Message-ID: <m0tQJ8Q-0018L0C@aupair.cs.athabascau.ca>

I am going to drive down to San Diego for the Usenix technical conference Jan 22 to 26. We will drive South from Alberta through Montana, Idaho, Utah, and Arizona and across to San Diego and return North to San Fransisco and then back into the midwest (maybe we should continue North to worship at the tektronix shrine in Beaverton).

Any hamfests and other amateur radio/boatanchors places and events we should stop for on the way? I also am into aircraft and ships and we really want to load the F150 up with high end test equipment like scopes, signal generators, GDO's, spectrum analysers etc. etc. (that stuff is as rare as hen's teeth up here) so here is your chance to empty your basement!

Richard Loken VE6BSV, Systems Programmer - VMS : "...underneath those
Athabasca University : tuques we wear, our heads
Athabasca, Alberta Canada : are naked!"
** tech@cs.athabascau.ca ** : - Arthur Black

From boatanchors@theporch.com Thu Dec 14 22:40:00 1995
From: Andy Wallace <wallace@mc.com>
Subject: AW is /AA
Message-ID: <9512141229.AA01201@taku>

Many thanks to all who wished me well...it must have worked.
I went from Novice to Advanced in one step! Nobody else took more than one test so I was the last one left -- we were all freezing in the building so we wrapped it up for this time. If things hadn't been that way I might have tried for Extra, but seeing as how I didn't think I was even ready for Advanced, I doubt I would have passed.

'Scuse me, I have a date with a Johnson Challenger and a 3885 crystal.

--Andy
wallace@mc.com
KA1GTT /AA

From boatanchors@theporch.com Thu Dec 14 22:40:00 1995
From: doonan@cordmc.dnet.etn.com (DENNIS DOONAN X6916 (KG9DO))
Subject: RE: AW is /AA
Message-ID: <9512141237.AA07516@etn.com>

Way to go!!!

Extra should be easy for you now.

I have to throw in the plug, now that you are an Advanced class, you should consider becoming a VE.

Johnson Challenger, hummmmmmm. I got one with the HRO-5 and CE-100V I bought off the original owners. The Challenger was the only one he did not have a book or schematic for. That one is way down on my to-do list.

Anyway, congradulations.

73 de Dennis, KG9D0

From boatanchors@theporch.com Thu Dec 14 05:36:00 1995
From: jcreid@CCGATE.HAC.COM
Subject: BA line of thinking
Message-ID: <9511138189.AA818910377@CCGATE.HAC.COM>

Gang,

Sometime over the past year, I posted a message regarding how working with BA's and the like has a tendency to make you change your method of thinking/living. Granted we can't spin everything back to post WWII or thereabouts, but working and playing with these old radios puts me at least, into a different frame of mind. Well, this week I put my money where my mouth is. Over the past month, I sold my fuel-injected, computerized Dodge and heavily smog equipped Ford van and bought a '65 Buick Skylark SportWagon. No smog stuff, no computer, everything is visible and relatively easy to work on. Ok, so I'm not helping to reduce the size of that brown cloud over LA, but I get a wonderful feeling driving around that I haven't had in a long time. Anyone else been more inclined to turn back the hands of time?

As a side note, if you haven't ordered the 70 Years of Vacuum Tubes and Valves from Lindsay, do so. A lot of great pictures of some of the very earliest of tubes.

-Jim N6SVS
jcreid@ccgate.hac.com

From boatanchors@theporch.com Thu Dec 14 05:36:00 1995
From: morriso@vifp.monash.edu.au (Morris Odell)
Subject: Re: BA's in the Movies
Message-ID: <199512132142.IAA25345@brain.vifp.monash.edu.au>

Hi fellow anchorites,

As Tom Rice wrote:

>

>I'm very happy to see this topic arise on the BA list, as it's
>been a compulsion of mine for several years to log BA appearances
>in the movies.

>BA's show up in the darndest places:

>I'm thinking of collecting all these occurrences and putting
>them into a file for radio nuts and thus would appreciate
>reports from film viewers on the list.

I saw "Johnny Mnemonic" last night which is a cyberpunk movie about the Internet of the future - virtual reality, data piracy etc etc based on the

works of William Gibson (he actually wrote the screenplay). Imagine my surprise when I noticed a few familiar objects among the computer generated animation and cyber labs in the year 2115. In one scene there was a Marconi late TF900 series signal generator - a lovely BA of the 1960s which I used years ago. I have a couple of its lesser cousins in my collection. There were also some older Tek scopes which I couldn't identify. In the final scene right near the master computer which consisted of a cyber-dolphin in its aquarium (yes, that's the way of the future folks, no more of those nasty solid state devices) there was a Racal RA17 receiver and a large BA by Rhode & Schwarz with a very impressive looking turret dial.

It's good to know these old faithfuls will still be doing their stuff well into the next couple of centuries :-)

73

Morris VK3DOC
morriso@vifp.monash.edu.au

From boatanchors@theporch.com Thu Dec 14 05:36:00 1995
From: "Terry O'Laughlin, RM:7135, #:6-6667" <OLAUGHLIN@vilas.uwex.edu>
Subject: best BA joke
Message-ID: <MAILQUEUE-101.951213124905.608@vilas.uwex.edu>

Anybody get the latest Tucker flyer?

Better line up to get your Stoddart NM-25T.

At \$4995 they're gonna go fast!

73 Terry O' WB9GVB

From boatanchors@theporch.com Thu Dec 14 05:36:00 1995
From: Steve Ellington <n4lq@iglou.com>
Subject: Re: best BA joke
Message-ID: <Pine.SOL.3.91.951213141741.398C-100000@iglou>

>

> Better line up to get your Stoddart NM-25T.

How much do they want for pre-owned Hopperometers?

Steve Ellington N4LQ@IGLOU.COM Louisville, Ky

From boatanchors@theporch.com Thu Dec 14 05:36:00 1995
From: Michael.J.Knudsen@att.com
Subject: Re: best BA joke
Message-ID: <9512132152.AA21534@bock.ih.att.com>

Sheesh --- you can get 2 or 3 of their surplus solly-state Racals for that! So get a GOOD radio!
BTW, what IS a Stoddart? I hope its microprocessor can make up good plausible CIA messages whenever the rcvr can't pick anything up.
73, mike k w9nrd

From boatanchors@theporch.com Thu Dec 14 22:40:00 1995
From: Duncan Cadd <dcadd@luc.ac.be>
Subject: cats & Christmas
Message-ID: <9512141507.AA05633@alpha.luc.ac.be>

Greetings, Anchorites, from a cold and darkening Diepenbeek in N.E. Belgium!

But, where would we be without the whiskers ? 8-)

OK, that's me lot for 1995. I'm off to the UK on Monday for Christmas, CU in 1996, seasons greetings,
73,

Duncan ON9CHU / G0UTY G-QRP 8117

From boatanchors@theporch.com Thu Dec 14 05:36:00 1995
From: Michael.J.Knudsen@att.com
Subject: Re: Cats and BA's don't mix.
Message-ID: <9512132105.AA21521@bock.ih.att.com>

Cats shouldn't spray and mark unless they feel threatened.
Did your gear make noise like a tomcat? SMell like a tomcat?
Or were you spending too much time fondling and petting your keys as opposed to the cats, so they got jealous?

All the years as a kid, I grew up with non-"fixed" (broken) toms, and they never expressed any opinions upon my equipment.
Of course, your mileage may vary. Cats are notoriously non-standardized and no two are alike in their personalities.

Beats hell out of mice in your gear, or flying squirrels, or silverfish in your

manuals and old QSTs. 73, mike k w9nrd

From boatanchors@theporch.com Thu Dec 14 05:36:00 1995
From: Michael.J.Knudsen@att.com
Subject: Re: Cats and BA's don't mix.
Message-ID: <9512132207.AA21550@bock.ih.att.com>

I was surprised to learn (the hard way) that female cats, even "fixed" (broekn) ones, will spray to mark their territory when threatened by other cats. We ripped up our opld, worn, and throughly cat-marked wall-wall carpet after learnign about this. Cats are like Halliscratchers front ends -- they don't know the rules, they don't follow them, and they're all individuals. 73, mike k w9nrd

From boatanchors@theporch.com Thu Dec 14 22:40:00 1995
From: "Gable, Edward M" <emg@rfpo2.rfc.comm.harris.com>
Subject: Re: Cats and BA's don't mix.
Message-ID: <30D01A32@smtpgate.rfc.comm.harris.com>

At 08:57 AM 12/13/95 -0600, Cal wrote:

>

>Lesson learned-don't allow your cats to come into your hamshack lest you
>allow the "territorial squirters" to molly up your rig. Otherwise, take
>necessary precautions (like covering your rig). 73's. Cal, N6KYR.

/|\

|

| I'd shoot the cat ! (Flame ON)

Ed K2MP

From boatanchors@theporch.com Thu Dec 14 05:36:00 1995
From: SCOTTPAUL@aol.com
Subject: Cats and radios
Message-ID: <951213212200_132705254@mail06.mail.aol.com>

If it's warm, my cats will like it. Tubes are warm, therefore...

/scott robinson
2 cats, many radios

From boatanchors@theporch.com Thu Dec 14 22:40:00 1995
From: davidh@getnet.com (Dave Hollander)

Subject: Cats and Radios

Message-ID: <v01510100acf56405c41e@[10.0.2.15]>

In the 1970's I had three male Siamese cats - Buckwheat, Mouth and Katsumoto and a cocker spaniel named Sandy. They were all great pets. Three years before, I did not like cats of course I had never had one. My first wife had siamese cats and I found them to be great pets, more like dogs than cats in their personality. Never had any problems spraying any of my ham gear but they destroyed a Stereo cassette deck and sprayed all over my record albums including my prized Beatles and Doors albums. Ruined the jackets but not the actual records. All four pets would hang out in the shack with me when I was on the air. Two of the cats would fight over who got to sleep on top of the Signal One and the remaining two would fight over the Henry 2K ultra.

Another story

I had a homebrew 160 meter tube transverter that I built in 1974 to run with my Swan Cygnet 270. It ran a 6146 in the final. Although it had a front panel, I nver got around to building an enclosure for it.

One evening, I left the shack to answer the phone and I heard a loud crash, a horrible Siamese screaming sound and Buckwheat came flying out of the shack at the speed of light. I went back in the room and their was an awful smell. I looked over at the transverter and their on top of the final plate choke was a tuft of black and white siamese fur. That cat never went near that piece of equipment again.

After Katsumoto passed on a few years ago at 17, I have had no more pets. Replaced them with a son and a daughter.

73,

Dave N7RK

Dave N7RK - Webmaster CADXA

Phoenix, Arizona

DXCC Honor Roll

WAZ#23 - 75 Meter SSB

ex-N7RK/ZB2, VK2ERK, ZM0AJN, WB6NRK

davidh@getnet.com

\\-//
(o!o)

N7RK @ N7MRP.AZ.USA.NOAM

-----oo00-(_)-00oo-----
E-Mail Address

Packet Radio Address

Visit my Home Page --- <http://www.getnet.com/~davidh>
and the Central Arizona DX Association Home page ---
<http://www.getnet.com/~davidh/cadxa.html>

From boatanchors@theporch.com Thu Dec 14 22:40:00 1995
From: Scott Townley <nx7u@primenet.com>
Subject: CQ Dodge Caravans!!!
Message-ID: <199512140659.XAA03369@usr5.primenet.com>

There I was, sitting on my living room couch minding my own business (and reading the December QST which had just arrived in the mail), with the TV on as background noise (something my girlfriend constantly wonders about out loud), when out of the speakers comes a-blarney....

CQ! (as in -.-. --.-)

And in perfect, code-practice-oscillator tonality! And at about 16-20 WPM.

Who the heck is calling CQ at 11pm (MST) on my TV??

Turns out that Dodge has a commercial for their Caravan line that uses Morse to illustrate the "longs and shorts" available in that line. They go on to spell out the word C-A-R-A-V-A-N in Morse during the rest of the commercial.

It ends with the voice-over saying "end of message". No, unfortunately there was no AR in Morse at this point!

So who is the ham at the ad-agency with the Dodge account??? It was a very pleasant surprise, and pretty spooky, since (as previously noted) I was reading my new QST at the time!

Scott Townley
nx7u@primenet.com

From boatanchors@theporch.com Thu Dec 14 22:40:00 1995
From: EKnobloch@aol.com
Subject: Crystal Control for Hammarlund HX-50 or HX-50A Transmitters
Message-ID: <951214124525_72818765@emout05.mail.aol.com>

When Hammarlund introduced their HX-50 transmitter around 1962, the Novice ham was restricted to crystal control only. It was a good selling feature of this transmitter that, behind a small door on the front

panel,
there is a switch to disconnect the VFO and select one of three type HC-6/U
crystals.

However, Hammarlund mixed up the information in their tech manual
re which crystal frequency is required for a given desired transmit
frequency. "Chart B" on page 20 has the tables reversed.
The left hand column should be labled "LSB, AM or CW transmission",
and the right hand column should be labled "USB Transmission"

The unlucky novice who ordered his crystal using the chart in the manual
would have found himself operating about 3.2 KHz away from where he intended.

73

Ed K4PF EKnobloch@aol.com

From boatanchors@theporch.com Thu Dec 14 05:36:00 1995
From: EKnobloch@aol.com
Subject: Determining Relay Coil Type and Voltage
Message-ID: <951213152552_53160121@mail04.mail.aol.com>

I was recently given a cigar box of nice-looking relays, open frame type,
with one draw-back: the coils are not labled. A couple of the relays have
coils wound on laminated metal, which would seem to indicate that they are
A.C. types, but the majority have me baffled. Is there a good,
non-destructive method of testing an unknown relay?

Thanks for your help,
Ed K4PF EKnobloch@aol.com

From boatanchors@theporch.com Thu Dec 14 05:36:00 1995
From: Bob Roehrig <broehrig@admin.aurora.edu>
Subject: Re: Determining Relay Coil Type and Voltage
Message-ID: <Pine.ULT.3.91.951213160624.13519B-1000000@admin.aurora.edu>

On Wed, 13 Dec 1995 EKnobloch@aol.com wrote:

> Is there a good, non-destructive method of testing an unknown relay?

1) look in a catalog of relays (Newark, Allied, etc) to get an idea what
coil resistances are for various voltage relays.

2) The laminated types you mentioned are probably intended for AC but
certainly will work on DC at a lower voltage. For example, I have found
110 VAC relays that work fine at around 24 VDC.

3) If you hook a relay up to AC and it buzzes but doesn't pull in, it is a DC relay.

4) Connect a relay to a variable DC supply and slowly crank up the voltage until it pulls in. The actual operating voltage will be somewhat higher than the pull-in voltage - for example, a 12 volt relay may pull in at 8 volts but operation at 8 volts is too slow and not reliable.

5) On the other hand, I have found relays that were rated at say 18 volts and operated very nicely at 12 volts.

6) Holding voltage on DC relays is always less than operating current. If you have a relay that is going to be operated for long periods of time, it is sometimes advantageous to put an incandescent lamp in series with the coil - high initial current, drops off for lower holding current.

73 de Bob, K9EUI

From boatanchors@theporch.com Thu Dec 14 22:40:00 1995
From: Brian Edwards <BEDW%BTMW1N@btmv56.se.bel.alcatel.be>
Subject: Re: Determining Relay Coil Type and Voltage
Message-ID: <01HYSI8B01809GXJS1@btmv56.se.bel.alcatel.be>

Ed,

An AC relay will usually have a chunky bit of copper, a slug, on the toe end of the coil. However so do delayed turn-off relays so it's not an infallible (don't have a spell checker ;-)) test. Incidentally a heel slug, that's at the end furthest from the moving bit, delays the relay's turn-on.

Otherwise I'd just connect it to some DC and wind the voltage up. As a rough rule of thumb, the voltage that it operates is about 2/3 the operating voltage IMHO.

Hope this helps.

Brian Edwards "Still running against the wind"
100023.1075@CompuServe.Com -Bob Seger
bedw@btma57.se.bel.alcatel.be

From boatanchors@theporch.com Thu Dec 14 22:40:00 1995
From: aa4rm%amos.UUCP@mathcs.emory.edu (Marty)

Subject: Re: Determining Relay Coil Type and Voltage
Message-ID: <9512141550.AA09658@amos.YP.mystnrite>

use a variac on the AC types & find the pull-in voltage

use a variac-diode-cap on the plain-pole DC jobs & do the same stunt

(plain-pole ry.s are DC... so too are the laminated pole jobs
if they buzz as pull-in's approached)

From boatanchors@theporch.com Thu Dec 14 05:36:00 1995
From: Michael.J.Knudsen@att.com
Subject: Re: Diecast Zinc Corrosion, BA 368
Message-ID: <9512132229.AA21581@bock.ih.att.com>

Well, not surprising, although pot metal had pretty much disappeared from serious production items by the early 1930s.

Hank van Cleef pointed out a few months ago that pot metal was not factory floor sweepings,
nor mine tailings, and probably not the result of cigarette-pack tinfoil.
But rather a deliberately constituted alloy. The enegineers probably didn't know about its short life span, and would not have cared if they did,
given the rapid obsolescence of the period.

Military gear is funny this way. Most of it seems built to last forever in terms of quality, but in practice its life span was measured in months at best, due to loss by enemy action or abandonment or (horrors) peace breaking out.
The Japanese built airplanes out of an aluminum alloy that turned to cheese after two years -- why not?

So while I've never seen the dreaded pxt mxt*1 in mil gear, that seems to be the right place to use it. Men were expendable, why not the gear?

I agree that there seems to be no cure for the disease, other than to re-manufacture (in the literal Latin sense of "hand made") the affected pieces.
As for time travel, with our luck Bill Gates will get the patents on it and it won't run on any real computers anyway. 73, mike k w9nrd

From boatanchors@theporch.com Thu Dec 14 22:40:00 1995
From: bcutter@teal.csn.net (Bob Cutter)
Subject: Drake 2 series
Message-ID: <199512142151.0AA21591@lynx.csn.net>

What are the approximate dates of the Drake 2 series receivers?

73, Bob KI0G
END

Bob Cutter,Glenwood Springs, CO

KI0G

bcutter@teal.csn.net

From boatanchors@theporch.com Thu Dec 14 22:40:00 1995
From: "Turini, Bill" <turinib@wdni.com>
Subject: Drake Document on Compuserve
Message-ID: <199512141631.AA08124@interlock.wdni.com>

Fellow BA'ers

While perusing the CompuServe Hamnet Forum yesterday I came upon a document by a Canadian gentleman concerning Drake Txyy radios. It's quite long, about 30 some pages, and very interesting. Covers history, mods, etc.

Worth reading for those of you who are Drake affectionados. I would be interested in comments from some of the more knowledgeable members of the group.

Sorry I can't give more information, as I've got a meeting in 2 minutes. Perhaps someone can put it on the archives for those without CompuServe access.

73

Bill Turini KA4GAV/7
h (360) 825-1167

turinib@wdni.com
w (260) 924-5890

S/1

S/1 Always looking for Signal/One equipment, accessories, documentation, etc.

S/1

From boatanchors@theporch.com Thu Dec 14 22:40:00 1995
From: Andy Wallace <wallace@mc.com>
Subject: Re: Drake Document on Compuserve
Message-ID: <9512142015.AA01369@taku>

----- Begin Included Message -----

From: "Turini, Bill" <turinib@wdni.com>
Subject: Drake Document on Compuserve

While perusing the CompuServe Hamnet Forum yesterday I came upon a document by a Canadian gentleman concerning Drake Txyy radios. It's quite long, about 30 some pages, and very interesting.

----- End Included Message -----

I'd certainly be interested in seeing this. I hope someone on CS can send it to listown@jackatak.theporch.com and have Jack Hill archive it for boatanchor retrieval. (At 30 pages it would be a bad thing to post it to the List!)

73,
--Andy
wallace@mc.com

From boatanchors@theporch.com Thu Dec 14 22:40:00 1995
From: parker@sol.med.ge.com (Timothy Parker x7-4463)
Subject: Electro Voice 423A mic
Message-ID: <9512140555.AA12466@trilogy.med.ge.com>

Hi,

Can anyone tell me if the Electro Voice 423A mic is a high or low impedance mic? It came with the Heathkit sb400 that I bought and I am beginning to wonder if it is the appropriate impedance for the radio. The radio likes a high impedance I believe.

Thanks
Tim Parker KB9KIT
Wisconsin

From boatanchors@theporch.com Thu Dec 14 05:36:00 1995
From: jml@spider.lloyd.com (Jim Lockwood)
Subject: FLAMES and CRITICISM
Message-ID: <m0tPxK2-000TrBC@spider.lloyd.com>

Let me be perfectly clear gang.

Neither flames of any kind nor public criticism of any kind is appropriate on boatanchors. If you have a complaint against a BA member, take it up with that person privately.

In my announcement message for boatanchors three years ago I said that flames belong in /dev/null. They still do. Keep 'em there.

Jim - km6nk

From boatanchors@theporch.com Thu Dec 14 22:40:00 1995
From: kk5hy@accesscom.net (Jake Hellbach)
Subject: fwd: Antique Electronic Supply
Message-ID: <199512141510.JAB27697@uro.theporch.com>

I forwarded this from rec.antiques.radio+phono
Jake

In rec.antiques.radio+phono, edweird@indirect.com (Edward C. Bender)
wrote:

>Hello!

>I am the Purchasing Agent for Antique Electronic Supply in Tempe, Arizona. We
>purchase tubes (or valves, as the English call them!) for resale. Anyone who
>is interested can contact me at tubes@crzyone.com, and I can send them via
>email the current bid list for tubes we have a need for and our current bid
>prices. We can even exchange information via email!

>For further information, email me at the above address or call (602) 820-5411.

>If you want to check out the web sites for a couple of tube manufacturers, try:

><http://www.svetlana.com> for Svetlana Electronic Devices
><http://www.rell.com> for Richardson Electronics.

>Edward C. Bender

email via: kk5hy@accesscom.net
Check out the Westside A.R.C. Web page at:
<http://www.accesscom.net/~kk5hy>

From boatanchors@theporch.com Thu Dec 14 22:40:00 1995
From: Terry Pridgen <pridgent@pinn.net>
Subject: Help Identify A Receiver
Message-ID: <Pine.SUN.3.91.951214094753.18609B-1000000@everest>

Looking for info on a 6000BAC receiver made for the U.S. Navy by Industrial Tool and Die Works. This is a two band receiver that covers .545 - 1.6Mhz and 5.5 - 16Mhz. Would appreciate any and all info.
73, Terry KC4YTF
pridgent@pinn.net

From boatanchors@theporch.com Thu Dec 14 22:40:00 1995
From: MIKE SANDERS <ks0f@basic.net>
Subject: HR0 coils for trade
Message-ID: <199512141917.NAA26173@basic.net>

Greetings and Salutations,

I am looking for some HR050 coils and I have some to trade. I have a spare E coil and would like to trade for an F coil.

I have a B and C coil for the HR07C. Please note this is the black wrinkle finish HR07 that went in the desk top rack assembly with the coil box and speaker. They are black wrinkle finish not the standard gray of the standard HR07. I would like to trade for HR050 A,B and C coils.

Recap, I have HR050 E and HR07C B and C. I would like to find HR050 A,B,C and F coils. Trade offers?

Please Email me directly at ks0f@basic.net.

73 Mike

Best of the season to all

P.S. HR07C. Is that like chicken lips.....with a cold sore?

From boatanchors@theporch.com Thu Dec 14 22:40:00 1995
From: Burt Fisher <fisher@meol.mass.edu>
Subject: I am the jerk of the year.
Message-ID: <Pine.OSF.3.91.951214060434.14596A-100000@meol.mass.edu>

It is obvious that I really under estimated the interest in the recent for sale list of Boat Anchors. All I wanted to do was raise some money for our school. But some of the responses I have received want condition down to each scratch. I fear if I do not accurately portray what the customer is getting I could get a complaint to my school and I do not need that hassle. It is clear I would have to test each piece of gear on each band and examine it inch by inch. I understand WHY you love this stuff so much and I realize it is important that you get an accurate description. But I do not have the time nor am I willing to assume the risk of a complaint. If I owned this equipment I would do it.

So unless you plan to take a trip here and examine and test the equipment, forget it, at least for now.

Burt Fisher
K10IK

Sorry for starting something I could not finish.
I DESERVE the flames I will get.

From boatanchors@theporch.com Thu Dec 14 05:36:00 1995
From: David Adams <dave@flowserver.stem.com>
Subject: Knobs for S-38
Message-ID: <9512132018.AA28166@flowserver.stem.com>

Greetings! Someone had said they could help me with the knobs but then disappeared so I am looking for a few knobs to complete my halli s-38

Specifically:

Band Spread halli part # 15a047
cw pitch 15a048
band selector 15a049

If anyone has any halli knobs lying about, lemme know

Dave

To aid in the digging, these are the black jobs, grooved on the side with the silver metal rim insert.

From boatanchors@theporch.com Thu Dec 14 05:36:00 1995
From: Bill Sorsby <bill.sorsby@dlep1.itg.ti.com>
Subject: Re: Lafayette Rx - epilogue
Message-ID: <199512132314.RAA00659@dlep1.itg.ti.com>

I said I'd investigate the bandwidth of the mechanical filter in the HA-350 because I thought it might be somewhat wider for AM usage. I was immediately informed that the BW is 2.1 kHz and after further usage I'll confirm that.

The cheap little Japanese mechanical filter has extremely good skirt

selectivity providing single signal CW reception regardless of sideband selected. Using the HA-350 for AM requires tuning off to either side of the carrier otherwise you can't understand much.

I was also informed after my last post that the HA-350 is essentially an 80 meter receiver which converts all other ham bands down to 80. The process yields some feedthrough of 80 meter signals which I erroneously referred to earlier as an annoying "image". Also the receiver has some genuine images.

The receiver is quite sensitive on the higher bands. Overall, I still rate it as a good SSB receiver, although it suffers from annoying image and feedthrough problems which other receivers of the same ilk didn't.

Don't know if the thing will ever have any genuine boat anchor value, but it's a helluva good receiver for the price they go for. An excellent choice for a new ham, for instance.

Regards,
Bill Sorsby, N5BU bill.sorsby@dlep1.itg.ti.com

From boatanchors@theporch.com Thu Dec 14 05:36:00 1995
From: k1zat@bah.com
Subject: Re: Licensed Tower
Message-ID: <Pine.SUN.3.91.951213223730.8307A-100000@booz.bah.com>

Bill --

On Wed, 13 Dec 1995, Bill Sorsby wrote:
> "If the antenna tower or mast is capable of transmitting, a copy of the
> Federal Communications Commission license(s) shall be provided prior to the
>
> Do they want a copy of my license or do they think my tower should be
> licensed? If the latter, is form 610 the correct form to use in applying

You could always "create" a club and get a club station callsign, now that we can have them again, and then attach the club station license to the permit needs..

From boatanchors@theporch.com Thu Dec 14 22:40:00 1995
From: mjsilva@ix.netcom.com (michael silva)
Subject: Looking for ETE
Message-ID: <199512142045.MAA01438@ix10.ix.netcom.com>

Hi all,

I'm looking for ETE (Electron Tube Enterprises), a place in Vermont that sells tubes. I used to have a catalog but it's passed into the great void, and I can't find an address for them.

Also, any other recommendations for receiving tube sources? I know of AES and Quest, but would like to hear about more. Thanks.

73,
Mike, KK6GM

From boatanchors@theporch.com Thu Dec 14 05:36:00 1995
From: Bob Roehrig <broehrig@admin.aurora.edu>
Subject: need calibrator
Message-ID: <Pine.ULT.3.91.951213123039.23030A-100000@admin.aurora.edu>

Anyone out there have a crystal calibrator for a Drake 2-B that they would part with? I know, it's such a simple circuit I could build one up but I have more interesting BA things to do right now....
Thanks & 73 de Bob, K9EUI (broehrig@admin.aurora.edu)

From boatanchors@theporch.com Thu Dec 14 05:36:00 1995
From: Bob Roehrig <broehrig@admin.aurora.edu>
Subject: Re: Need tranny ID.
Message-ID: <Pine.ULT.3.91.951213162151.13519C-100000@admin.aurora.edu>

On Tue, 12 Dec 1995 x90galbrait1@wmich.edu wrote:

> Gang,
> Anybody got a UTC catalog they could use to look up a piece o' iron I'd
> like to ID (actually 2)???
>
> It's an LS-6L4, big cylindrical thing. Audio output me thinks.
> Any specs would be really appreciated!

I have UTC literature and will send you the dope later tonight.
Bob, K9EUI

From boatanchors@theporch.com Thu Dec 14 05:36:00 1995
From: roecker.greg@ist.vf.mmc.com
Subject: Need Turns Counter

Message-ID: <Chameleon.951213150246.greg@acc.vf.ge.com>

Hello Everyone,

I am looking to buy a mechanical turns counter. I built an industrial strength antenna tuner several years ago, and I used a surplus turns counter from Fair Radio on the roller inductor.

The internals of the counter failed the other day, and I am in need of a mechanical turns counter. The original was on a panel about two and half inches square, and painted gray. It counted 40 or 50 turns, and was a three digit display (tens, ones, & decimal) and the numbers were in the vertical, with the knob below. I need at least one that will count 40 turns.

I'm stuck on 75 meters, and can't QSY!!!

73, and Happy Holidays to All!!!

Greg Roecker
N4OSJ
roecker.greg@ist.vf.mmc.com
770.552.0640 (Atlanta)

E-mail: roecker.greg@ist.vf.ge.com
From boatanchors@theporch.com Thu Dec 14 22:40:00 1995
From: "Gary H. Harmon, Jr." <gharmon@legend.txdirect.net>
Subject: O-Scope for Postage
Message-ID: <9512142109.AA29924@legend>

I have a Sylvania Service Oscilloscope #405 for giveaway. Front panel, knobs, and cabinet in excellent shape. All tubes light, including CRT but no display. No manual, no guarantee. Looks like a general purpose 4.5 mhz scope. Probably would cost \$15-20 to ship. Any die-hard Sylvania fans want a 405? 73, GARY

=====
Gary H. Harmon, Jr., K5JWK gharmon@txdirect.net
6302 Robin Forest K5JWK@K3WGF.STX.USA.NOAM
San Antonio, TX 78239

From boatanchors@theporch.com Thu Dec 14 05:36:00 1995
From: WB6ZWC@ns.net
Subject: Power Resistors--Rewind
Message-ID: <199512140021.QAA27949@eagle.ns.net>

Well if a kit is made then it would reason that a spot welder is not required to connect the resistance wire to the terminal.

It would also reason that silver solder would be the electrical medium of choice for the connection.

If the resistor became hot enough to melt the silver solder it is too late to save the component.

The only problem is the ceramic dip that requires a kiln to cure. The temperature in the kiln would most likely melt the silver solder.

So, it would reason that without the spot weld the ceramic coating is out of the question.

Will somebody provide me with Fair Radio's telephone so I can get a catalog.

Richard

Richard wb6zwc@ns.net

James ke6kyp

Linda ke6lit

From boatanchors@theporch.com Thu Dec 14 22:40:00 1995
From: Scott_Johnson-AZAX60@email.sps.mot.com
Subject: RE>Re- Cats and BA's don't
Message-ID: <"Macintosh */PRMD=MOT/ADMD=MOT/C=US/"@MHS>

RE>Re: Cats and BA's don't mix.

12/14/95

What kind of self respecting BA enthusiast even OWNS a cat? Buy a dog. They will guard your rigs, and they are always happy to see you. Flak jacket on!

Scott

>Lesson learned-don't allow your cats to come into your hamshack lest you
>allow the "territorial squirters" to molly up your rig. Otherwise, take
>necessary precautions (like covering your rig). 73's. Cal, N6KYR.

/|\

|

| I'd shoot the cat ! (Flame ON)

Ed K2MP

From boatanchors@theporch.com Thu Dec 14 22:40:00 1995

From: "Barry L. Ornitz" <u856010@eastman.com>

Subject: Resistance Wire

Message-ID: <Pine.ULT.3.91.951214114726.13755E-1000000@dua150.kpt.emn.com>

Richard, WB6ZWC, asked about rewinding power resistors.

I have three spools of resistance wire at the house. Two are around 3 ohms per foot and the other is around 50 ohms per foot. In my lab here at work, I have a number of spools of resistance wire too but these are mainly larger gauges. Whenever I find small spools at hamfests with a low price, I try to buy them for my lab. Since I design and build custom instrumentation for the chemical industry, it is quite handy to have resistance wire for making small heaters and such.

I have been planning to write an article on resistance wire for quite a while but have never gotten around to it. Thermocouple alloys such as chromel, alumel, constantan, and high purity iron are readily available and may be purchased in small quantities from Omega in many gauges and insulations (or bare). Stainless welding wire is available in small gauges too and it makes pretty good low value resistors. Many of these materials will have rather high temperature coefficients of resistance (except for certain alloys chosen for this purpose).

As for welding, a capacitor discharge makes a handy expedient for a spot welder. Silver soldering or brazing with a small torch also works. Most ceramic glazes are fairly low melting point glasses, often containing lead and other quite toxic metal oxides. They are fairly safe after firing but the raw glaze should be handled carefully.

73, Barry WA4VZQ ornitz@eastman.com

From boatanchors@theporch.com Thu Dec 14 05:36:00 1995

From: TOM.A.ADAMS@mail.admin.wisc.edu

Subject: Review; AN/PRM-10 dipper

Message-ID: <FCDJ1932.FCDJ1942@mail.admin.wisc.edu>

to: boatanchors@theporch.com

People,

Most everybody who builds, fixes, or generally screws around with RF equipment or antennas has used a grid dip oscillator at one time or another. Most of us find it to be absolutely necessary, and a jack of all trades around the shack and shop.

There are a LOT of grid dippers out there. Some are good, and some are not so good. The worst of the breed that I've run into are the Eico, and Heathkit's "Tunnel Dipper", a somewhat bizarre gadget that uses a tunnel diode (remember those?) instead of a real, honest-to-Gawd tube to do it's dippin'.

I think everyone agrees that one of the best out there, if not THE best, is the tube version of the Millen dipper. This thing is one of those ageless, classic designs that came out of the 1940's, and remains as useful today as it was the day it was introduced. I've been using 'em for literally decades, and I finally got hold of a good one about 5 years ago (actually, by "good" I mean one with the case variant and accessories I wanted. I've never really seen a Millen GDO that wasn't a good, useful piece of equipment).

My Millen is NOT for sale under ANY circumstances; it's irreplaceable... almost.

A couple of weeks ago a BOATANCHORS user posted a list of grid dippers he has for sale. Among a long list of Millen instruments he had something that caught my eye; an AN/PRM-10 military surplus grid dipper.

A deal was quickly struck, and it was in the mail to me.

I'd seen these critters in Fair Radio's catalog on a couple of occasions, and they'd piqued my curiosity. For one thing, modern military radio systems are usually "shake and bake" rigs, designed so that they can be set up and operated by frontline troops with relatively little expertise in anything EXCEPT that particular radio set. With everything precut, premeasured, and preadjusted, something like a grid dip oscillator isn't needed. In the case of rear echelon maintenance facilities, the repairs done on rigs are more major than the frontline units get into, but they too tend to get into the realm of by-the-numbers "cookbook electronics" (the Army's version of the R-390A manual is a good example of that). Very little new equipment design and construction or nonbook modification are done, and to my way of thinking this is the area where a dipper is usually encountered.

Because of this, I have to wonder exactly WHO they issued this thing to.

In any event, I was very pleasantly surprised by the dipper that showed up at my front door.

Physically, the dipper's hermetically sealed aluminum transport case is slightly smaller than the Millen's much less formidable steel carrying case.

A "stock" Millen with the standard coil set covers 2 - 300 MHz (I got lucky on mine, and got it with the optional long wave coils, extending the low end to 225 KHz). It's a self contained unit, using a 9002 triode, powered by an internal (selenium) power supply (optional terminals for operation from batteries).

The PRM-10 is a physically smaller "RF Head" attached to the main unit (containing the power supply) by an umbilical cable. Unlike the Millen, it has a stock 1000 Hz modulator, and somewhat amazingly, provisions for EXTERNAL modulation input (Use your dipper as a pirate broadcaster!).

A schematic (printed on plastic sheet) is conveniently glued to the inside of the case lid. The oscillator uses a 955 "acorn" tube, and the rig comes with plug-in coils for the 2 - 400 MHz range.

The schematic is kinda scary. It looks a lot like a Millen that was gone over by a military procurement committee. This is a grid dip oscillator design that's been taken to it's extreme. Your tax dollars at work. :-)

Fer instance... a regulated B+ supply. "Not too impressive" you might say, "just hang a VR tube across the plate supply".

Nope. When I say regulated, I really mean REGULATED... as in a VR tube, that serves as the reference for a military version of the 6AQ5 which is used as a SERIES PASS REGULATOR! Whoever designed this thing didn't fool around; we're talking about a grid dipper with 5 TUBES!

BTW, the oscillator is modulated in a rather novel way; they mix the regulator reference voltage with the modulating audio!

The design of the plug-in coils is interesting. Like the Millen, the windings are encased in a plastic shell for safety. Unlike the Millen, the coils each contain a resistor network which optimizes the tube bias and feedback for each band!

The proof of the pudding is in the eating, or in this case, in the dipping. The results were quite gratifying. One of the main problems I have with poor dippers is that the dip is so damned shallow; barely a flicker of the needle, often hidden among other false flickers that are internally generated. I can assure you that there is no such problem with THIS dipper!

After an initial false start on the 300 MHz range (dirty pins on the coil),

the dipper REALLY lived up to it's name! At 320 MHz, that meter needle goes down like an executioner's axe! The sensitivity adjustment pot on the RF head went a LONG way toward dealing with the poor sensitivity and "dead spots" found in the VHF range of some dippers. I found almost NO false dips anywhere in the tuning range; on that score, it outperforms the Millen.

Dial calibration is about average for a dipper; we're not talking a heterodyne frequency meter here. It's adequate.

I could find only two things about the unit that irritate me.

First, the fact that the RF head and case/power supply are inseparable will take a bit of getting used to. Second, the top cover of the transport case only goes on one way. The latches are positioned to make this so, but as yet I see no apparent reason why this feature was designed in.

In any event, if you should need a good grid dipper and happen to see one of these critters in good shape on your local hamfest circuit, GO FOR IT! Frankly, the Millen's an excellent GDO, but in MY shack the only reason it still has a job is because it goes down into long wave!

Try it, you'll LIKE it. A lot.

73's,

Tom "Mr. T" Adams, K9TA

From boatanchors@theporch.com Thu Dec 14 05:36:00 1995

From: Henry van Cleef <vancleef@bga.com>

Subject: Re: Review; AN/PRM-10 dipper

Message-ID: <199512140446.WAA17606@zoom.bga.com>

As TOM.A.ADAMS@mail.admin.wisc.edu said

>

> to: boatanchors@theporch.com

>

>

> People,

>

> Most everybody who builds, fixes, or generally screws around with RF

> equipment or antennas has used a grid dip oscillator at one time or another.

> Most of us find it to be absolutely necessary, and a jack of all trades around
> the shack and shop.

>

> There are a LOT of grid dippers out there. Some are good, and some are not

> so good. The worst of the breed that I've run into are the Eico, and

> Heathkit's "Tunnel Dipper", a somewhat bizarre gadget that uses a tunnel diode

> (remember those?) instead of a real, honest-to-Gawd tube to do it's dippin'.

>

Huh? Eico grid dip is junk? I have one, and it behaves just like a Millen dip. Not surprising, it is the virtually identical except they used a later triode instead of the 9002 or 955----both of which are pretty low power jobs. My frame of reference on grid dips is the Millen, which was made in two models. Both are the same electrically. The fancier one was hand-calibrated. However, having checked out a few hundred of both types in the time I worked for Millen, I can assure you that the preprinted calibration models were "pretty close." Most of them were plug 'n play right off the cart. A very few wanted their capacitors tweaked a bit, and a few wanted "low" or "high" coils. I used a Heath dip once, and found it very difficult, because it was full of false dips. Measurements Corp. made a very fancy dip, with the oscillator at the end of a wand and an umbilical back to the power supply and meter.

The Millen dip, working properly, will fall off at either end of the band, but should have no false dips. My Eico is the same. Both the Millen and the Eico have good solid dips when you get near a coil with a Q of 30 or 40. Both will also "pull" (i.e., shift oscillator frequency to the tuned circuit) with close coupling. It does take a bit of experience with one of these little dips to learn its quirks. I don't think people quite realize what a handy little tool a dip can be. A few of the applications I can think of:

1. Conventional grid dip---use with an unpowered resonant circuit to find the resonance, which shows as a dip on the meter.
2. Signal generator. Just wrap a few turns of wire around the coil for coupling, and hook it into the circuit under test.
3. Frequency meter. Plug some headphones into the jack (replaces the meter circuit) and listen for whistles. Great for trolling for parasitics, harmonics, etc.
4. Absorption wavemeter. You can switch the oscillator off to serve as a detector; however, sensitivity is not very high. With headphones plugged in, you've got a tuned detector, similar to a crystal set, which will put any modulation in the headphones.
5. Q-meter functions. While you can't measure Q directly (it's "lots," "some," or "not much") you can hang unknown caps across the coil terminals and see how far it detunes the thing. Also hang unknown coils across the terminals and see where it resonates. That, of course, requires a radio to listen for whistles.

--

Hank van Cleef vancleef@bga.com vancleef@tmn.com

From boatanchors@theporch.com Thu Dec 14 22:40:00 1995
From: mirage!pamars@uhura.neoucom.EDU (P.A.Marshall)
Subject: Re: Review; AN/PRM-10 dipper
Message-ID: <9512141302.AA16754@mirage>

TOM.A.ADAMS@mail.admin.wisc.edu writes:

>

> take a bit of getting used to. Second, the top cover of the transport case
> only goes on one way. The latches are positioned to make this so, but as yet I
> see no apparent reason why this feature was designed in.
To make sure the 'rubber' hold downs for the head are in the right place,
sounds as if yours have been removed.

The other bit that I much like is the pot coupled to the tuning cap makes
the gain flat(er) so you don't have to play with the gain knob as you tune
around. Totally FB. I do wish there was a LF coil set for it though.

Al Marshall "Real Radios Glow in the Dark" almarshall@acm.org
1+219.665.5072 Mirage Computers, Inc.

As nightfall does not come at once, neither does oppression. In both
instances, there is a twilight when everything remains seemingly unchanged.
And it is in such twilight that we all must be most aware of change in the
air--however slight--lest we become unwitting victims of the darkness.

Justice William O. Douglas

From boatanchors@theporch.com Thu Dec 14 05:36:00 1995
From: David Adams <dave@flowserver.stem.com>
Subject: S-27 parts needed
Message-ID: <9512140330.AA28663@flowserver.stem.com>

Greetings! Set the S-38 aside till the caps arrive and got back to
the S-27 today. Until this point I had mainly been working on the
underwiring. Today, I started the upper-level dissassembly. As I
live in a two bedroom cracker-box, I don't really have a workbench
so I make heavy use of well labelled parts envelopes and a filing
cabinet to keep the dissassembled from getting lost. I use the
10x12 white envelopes so that I have plenty of room for parts and so
I can draw a diagram right on the envelope if there is any risk of
forgetting appropriate reassembly...it's goofy but it works.

Anyway, the previous owner had the s-27 mounted in a rack and had lost the original case. If anyone has a chassis lying about waiting to have the radio and front panel mounted in, feel free to sell it to me. I also need a hallicrafters s meter. It currently has a cobbled replacement screwed onto the front panel (at least he used an original hole rather than drilling) which sticks out about 2 inches and is crooked to boot...ugly.

73 de dave, n9uxu

David J Adams N9UXU QRP-L #83
dave@flowserver.stem.com NorCal QRP
(415) 813-5028 Flow Cytometry Specialist

From boatanchors@theporch.com Thu Dec 14 05:36:00 1995
From: "Dick Dillman" <ddillman@igc.apc.org>
Subject: SCR-522 Available - Maybe
Message-ID: <199512131816.KAA07702@igc3.igc.apc.org>

Okay, here's the story:

Back in the late 50s I purchased a SCR-522 to get on 2m AM. I put a nice new aluminum case on it, extended the controls through the front panel, put on nice new knobs and painted the thing black with white panel lettering. Pretty nice, on the whole.

I believe this beast is still lurking in the basement at my mom's house where I will be over the holidays.

If anyone is willing to give this item a new home for something in the neighborhood of \$50, FOB Long Island, I'll rummage around and see if I can turn it up.

My memory is that it did work on 2m, but I can't guarantee anything now, 30 years later. I think it could be made operational won 2m AM with miniumum work or would make a good parts set for someone restoring a '522.

Dick Dillman
WPE2VT N6VS ex-WA2BJK
<ddillman@igc.apc.org>
Collector of Heavy Metal:

Harleys, Willys and Radios Over 100lbs.

From boatanchors@theporch.com Thu Dec 14 22:40:00 1995
From: k1zat@bah.com
Subject: Seasons Greetings
Message-ID: <Pine.SUN.3.91.951214130647.16291B-100000@booz.bah.com>

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D-E K-1-Z-A-T

From boatanchors@theporch.com Thu Dec 14 22:40:00 1995
From: Andy Wallace <wallace@mc.com>
Subject: Re: Seasons Greetings
Message-ID: <9512142020.AA01383@taku>

At first I was disappointed that there were no BAs in that
ASCII greeting card. Then I noticed the smoke out the chimney.
Ah.....selenium rectifiers, how cheery!

73,
--Andy
wallace@mc.com

From boatanchors@theporch.com Thu Dec 14 22:40:00 1995
From: David Adams <dave@flowserver.stem.com>
Subject: SF Bay source for Sprague Orange Drops
Message-ID: <9512141219.AA29019@flowserver.stem.com>

Does anyone know of a source for these caps in the SF Bay area...I

hate mail-ordering such small items in small amounts.

73 de dave, n9uxu

=====

| | |
|--------------------------|---------------------------|
| David J Adams | N9UXU QRP-L #83 |
| dave@flowserver.stem.com | NorCal QRP |
| (415) 813-5028 | Flow Cytometry Specialist |

From boatanchors@theporch.com Thu Dec 14 22:40:00 1995
From: n7oo@azgate.nj7p.ampr.org (Jack Taylor)
Subject: Sheetmetal preping
Message-ID: <2333@azgate.nj7p.ampr.org>

I'm replacing the missing back panel for my BC-610 with a section of galvanized sheetmetal. Seems to me I heard some sort of treatment was necessary (vinegar?) before painting. I'd like to hear comments on this before I proceed.

73 de Jack

From boatanchors@theporch.com Thu Dec 14 22:40:00 1995
From: jschwart@ix.netcom.com (John Schwartzberg)
Subject: Re: Sheetmetal preping
Message-ID: <199512141654.IAA21028@ix10.ix.netcom.com>

Jack:

>I'm replacing the missing back panel for my BC-610 with a section
>of galvanized sheetmetal. Seems to me I heard some sort of
>treatment was necessary (vinegar?) before painting. I'd like
>to hear comments on this before I proceed.

New and weathered galvanized steel can be painted with a minimum of surface preparation. If the galvanized sheet steel is prepared by the hot dip method of galvanizing, you must use a special corrosion-inhibiting primer to prep the surface before painting. This is because many galvanized coatings are too smooth for the paint to adhere sufficiently and also because the paint reacts with the unprepared zinc in the galvanized coating in the presence of moisture to weaken the bond. This means the paint peels!

A wipe cleaning should be satisfactory prior to priming. Mild is good here, and don't use an acid etch or acid wipe for cleaning. A mild caustic would

be satisfactory, but make sure the surface is dry before priming. And, of course, you want to make sure any oils are removed before priming.

Best results in weathering applications are found when zinc dust-zinc oxide paints are used. These are made from fine zinc metal and zinc oxide particles in an oil or alkyd base paint. Zinc dust-zinc oxide primers can be used on just about any galvanized surface after cleaning, and are highly recommended. For paint, almost any oil or latex house paint can be used. For this application, you might want to consider an alkyd enamel paint.

Look at the surface before painting. If there is a lot of spangle - that big, grainy look - it may show through the paint. If you find this, plan for a couple of coats of paint, and perhaps a second primer coat.

Hope this helps.

John
NOGII

jschwart@ix.netcom.com

From boatanchors@theporch.com Thu Dec 14 05:36:00 1995
From: jmartin@hrlban1.aircrew.asu.edu
Subject: Silicone silliness
Message-ID: <SA39+ddqnka@hrlban1.alhra.af.mil>

Mike Knudsen wrote:

Persons with extensive siliCONE work should not bend over too far over operating rigs using pre-silicon technology.

=====

. and perhaps risk peaking the meter at an inopportune time, as it were?

jmartin@hrlban1.aircrew.asu.edu

From boatanchors@theporch.com Thu Dec 14 05:36:00 1995
From: Terry Burge <terrybu@netman.ENS.TEK.COM>
Subject: Re: Silicone silliness
Message-ID: <9512140025.AA24426@netman.ENS.TEK.COM>

I would expect that hams on the boatanchor forum would have developed better humor but I guess it goes to show why so many of us get divorced. We have no concept of what humor is! Stick to the practical side and don't quit your daytime job folks. Silocone, silocon, uranus-meters, and hopper meters included.

Terry
KI7M

From boatanchors@theporch.com Thu Dec 14 22:40:00 1995
From: Jake Hellbach <kk5hy@accesscom.net>
Subject: Some new-bee's out here
Message-ID: <199512141935.NAA17952@uro.theporch.com>

Season's Greetings,

Being new to Boatanchors I was wondering if when there is a post of something for sale or trade (or just talked about) if you could put a small description with the model. I've seen some ad's for radios with just the model and when I respond to the sender sometimes I'll get what I need to know or I've gotten a one liner that states the model no. again.(???) I have some old QST's and other books to look through but it sure would be nice to get a little description in the post.

Thanks for everyone's help on my questions,
Jake KK5HY

Email via: kk5hy@accesscom.net
Check out the Westside ARC Web page at:
<http://www.accesscom.net/~kk5hy>

From boatanchors@theporch.com Thu Dec 14 22:40:00 1995
From: Bill Sorsby <bill.sorsby@dlep1.itg.ti.com>
Subject: SuperPro: BFO Injection Mod Needed
Message-ID: <199512141455.IAA25831@dlep1.itg.ti.com>

Who has a good mod to increase BFO injection on the old SuperPro receivers? Constantly riding the RF gain control to keep SSB signals from distorting gets kinda old.

Thirty years ago when I had a BC-779-B, I used a simple mod, gleaned from one of the ham rags to accomplished this. The mod worked well, except for making the AVC useless.

Anyone familiar with the specifics of such a modification? How about a mod that retains the AVC function?

Regards,
Bill Sorsby, N5BU

P.S. In playing around a little bit with the BC-779-A yesterday, I tried to determine what was wrong in the RF section causing low gain. The receiver seemed to work OK, but I remembered it should have more gain. The problem turned out to be a poor tube socket connection. Now, the receiver pegs the s-meter on everything! Ahhh..., that's the SuperPro I remembered. The two tuned RF amplifiers and three IF amplifiers provide enough gain that one almost doesn't even need an antenna; just stick a foot of wire out the back and you can hear the world!

bill.sorsby@dlep1.itg.ti.com
Views expressed herein are my own.

From boatanchors@theporch.com Thu Dec 14 05:36:00 1995
From: BHall88620@aol.com
Subject: To the person with the grid dip meter article
Message-ID: <951213195608_72237008@emout05.mail.aol.com>

Would the person who e-mailed me stating they had an article about how to use grid dip meters please e-mail me again so I can send you my postal address?

Your message got destroyed when my computer died. Its power supply died suddenly while my harddisk was writing, and I lost a significant portion of my harddisk, including all my saved mail.

My Halli SX-24 has worked without fail since '83 or so, but my vintage '91 computer dies at least once a year. So much for progress!

Sorry for the waste of bandwidth.

73,
Ben

BHall88620@aol.com

From boatanchors@theporch.com Thu Dec 14 05:36:00 1995
From: jschwart@ix.netcom.com (John Schwartzberg)
Subject: T0-5 Capacitor Analyzer

Message-ID: <199512131827.KAA12526@ix13.ix.netcom.com>

Hi gang:

Anyone have a manual for a Sprague T0-5 capacitor analyzer? Or can anyone summarize instructions for use?

TIA

John
N0GII

jschwart@ix.netcom.com

From boatanchors@theporch.com Thu Dec 14 05:36:00 1995
From: carlund@primenet.com (Rick Carlund)
Subject: TV-7 Field and Depot maintenance manual
Message-ID: <199512132055.NAA21661@usr1.primenet.com>

Hi all,

Does Anyone have a copy of TM11-6625-274-35 the Field & Depot maintenance manual for the TV-7? I would gladly reimburse any costs for a copy. Need to fix my tube tester.

THANKS,
73
Lock, KB7TQ
(c/o carlund@primenet.com)

From boatanchors@theporch.com Thu Dec 14 05:36:00 1995
From: bill@texan.frco.com (William Hawkins)
Subject: Re: Winding power resistors
Message-ID: <9512132049.AA20603@texan.frco.com>

Yes, you can use rivets and screws to get enough pressure to connect resistance wire to copper wire. Toasters and hair dryers use rivets. I was thinking of axial lead resistors.

The trick of doubling the wire back on itself for non-inductive winding is also used to make precision wirewounds. Cut off more than you need, fasten the ends, and wind most of it onto the bobbin. Then connect the ends to a bridge, and short the loop with a razor blade at various places

until the bridge balances, then strip and solder the wire at that point (constantan, not nichrome).

Bill Hawkins

From boatanchors@theporch.com Thu Dec 14 22:40:00 1995
From: jmartin@hrlban1.aircrew.asu.edu
Subject: Winding power resistors
Message-ID: <SA39+jb1oka@hrlban1.alhra.af.mil>

Mike Burke wrote:

. you might want to consider winding the resistor non-inductively. After cutting the computed length of wire (and assuming that it's insulated in some fashion), simply fold the wire back on itself from the midpoint (like a hairpin) and then wind the paired wires on the form.

=====

Does the preferred winding method have both wires starting at one end, physically paralleling each other to the midpoint 'loop' at the other end...

 \ \ \ \ \ \ \ \ _\ (side view shown)
 \ \ \ \ \ \ \ \ _\

or should the wires symmetrically wind in toward the center midpoint...

 \ /
 \ \ _\ / / / / /

or does it matter?

73, John Martin
jmartin@hrlban1.aircrew.asu.edu

From boatanchors@theporch.com Thu Dec 14 22:40:00 1995
From: aa4rm%amos.UUCP@mathcs.emory.edu (Marty)
Subject: Re: WLW .5mw
Message-ID: <9512141125.AA09158@amos.YP.mystnite>

The xmtr was in a pretty 30s Dutch Colonial "transmitter house" @ Macon, OH and occupied the entire 2-story interior north wall. It had several 898s (4?) in the final and at least a pair in the modulator. Rectifiers were enormous mv glass jobs that were on standby with a faint blue glow as late as 1958 (in my 1st ham life as W8VFX)

The modulation xfrm and reactor(?) were in huge oil-filled basement containers and were of oval cross-section when viewed from the top. Outside to the west was the xmtr's cooling pond.

The exciter was a 50kw WECO rig from abt. 1932 on the west wall.

I understand the xmtr got put on the Nat'l registry about 5 yr.s back during dismantlement and that all that remains inside is the north wall cabinets & interiors. But that's OK since they were the eyewash.

The Gray Wireless museum in Cinti will have exact details.

Marty

h

h

From boatanchors@theporch.com Thu Dec 14 05:36:00 1995

From: "Barry L. Ornitz" <u856010@eastman.com>

Subject: WLW Transmitter?

Message-ID: <Pine.ULT.3.91.951213192021.9943D-100000@dua150.kpt.emn.com>

In a post to the Boatanchor group N40FF asked:

> Anyone know if the 500 kw rig at WLW was ever scrapped or is it still
> there?

I cannot remember my call letters very well but is this the old New Orleans transmitter or the Crossley station in Ohio between Dayton and Cincy?

The old water cooled transmitter from New Orleans was moved to Greenville, SC back in the middle 1960's to become a 50 KW daytime only soul music station. The station engineer said it must have been dismantled by carpenters because every wire had been cut rather than unplugged or disconnected from the terminal blocks. The final tubes were made by RCA and were about six feet long each. The station ran an 807 in the crystal oscillator driving an 813 which drove something else and finally the big water cooled tubes. The final tubes had been discontinued long ago and every time one was replaced, the old one was sent to a specialty house to be rebuilt. I think this transmitter was originally built in 1939. My bad memory keeps bringing up WWL as the original station, however.

I cannot say anything about the Crossley transmitter but the tower at least is still there. It is not very far from the VOA transmitter site I pass every time I go to Dayton.

73, Barry WA4VZQ ornitz@eastman.com